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THE REPRODUCTIVE ORGANS OF
EPIPHRAGMOPHORA CALLISTODERMA P. and F.

BY H. A. PILSBRY.

This species proves to belong to the subgenus *Helminthoglypta*. There is a large dart sack, bearing a two-branched mucous gland. The slender duct divides into two oblong bulbs, which end in slender terminal portions longer than the bulbs, and folded down upon them, as shown in the detail, fig. 1a, where the terminal branch of the left

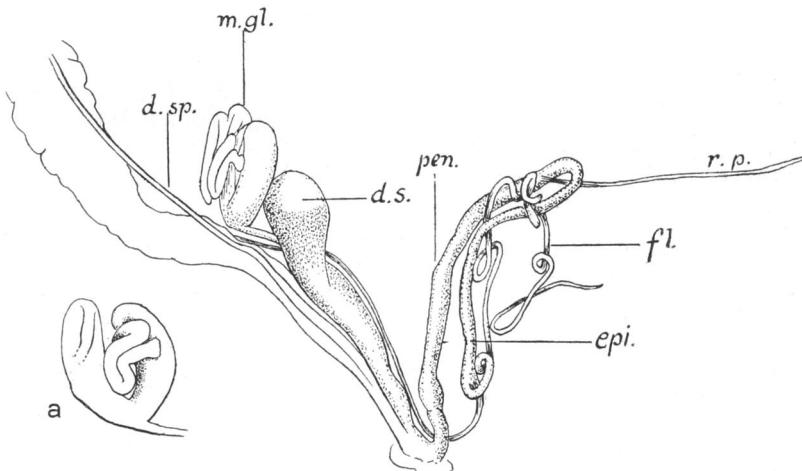


Fig. 1.—Genitalia of *Epiphragmophora callistoderma*, only the terminal ducts of the female organs drawn. *d.s.*, dart sack; *d.sp.*, duct of the spermatheca; *epi.*, epiphallus; *fl.*, flagellum; *m.gl.*, mucous gland; *pen.*, penis; *r.p.*, retractor muscle of the penis. At *a* the two-branched mucous gland is drawn.

bulb is cut off. The duct of the spermatheca is extremely long, and no branch or diverticulum was observed. The flagellum is longer than the penis + epiphallus. There is a short sheath about the slender base of the penis. The limits of penis and epiphallus are not obvious externally. The penial retractor is inserted 16 mm. from the base of the penis. The length of penis + epiphallus is 30 mm.; of flagellum, 36 mm.; of dart sack 13 mm.; vagina 4 mm. long. The spermathecal duct is slightly over 60 mm. long.

The specimen dissected was one of the original lot.